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FIG. 16A



MKF TKF VRF (SPC	THE THIS ALE			
SEIRLHFQFEGGESRAGMN. DVNAKRPGSTSSLNVE SEVRLHFQFEGGESRTGMN. DLNAKLPGNISSLNVE SEVRLHFQFE. GEMNAGTS. DLNAKPSGNSSSLNVE . TEEE. PENLANSL DDSWRGVSMEAIHRNRQPF	ORTERKIPKYYPPHLSPDKKWLGTPIEEMRRMPRCGIRLPPLRPSANHTVTIRVDLLRIGEVPK.PFPTHF ORTERKIPKYYPPHLSPDKKWLGTPIEEMRRMPRCGIRLPLRPSANHTVTIRVDLLRAGEVPK.PFPTHY ORTERKIPKYIPPMLPPEKKWLGTPIEEMRKMPRCGIHLPSLRPSASHTVTVRVDLLRAGEVPK.PFPTHY XWDSEEVRLPCAPESKYPRENPDGS.TTIDFRWEMIERALLQPIKTCEELQAAIISIHTTIRDQWEFRALE AKGRARMIQKELEKEVIAFTEGNLTLQPDLNKVDPDRNIRI.CTIPNFPASQGKLRED.NRIG	10 KDLWDNKEVXMPCSEQNLYPVEDENGE.RAAGSRWELIQTALLHRFTRPQNLKDAILKINVAISKKWDFTALI 09 KDLWDNKEVXMPCSEQNLYPVEDENGE.RTAGSRWELIQTALLHKFTRPQNLKDAILKINVAISKKWDFTALI 95 KDLWDNKEVXMPCSEQNLYPVEDENGE.RTAGSRWELIQTALLHKFTRPQNLKDAILKINVAISKKWDFTALV 96 QLLDEELDESETRVFFQSILPDMVKIALCLPNICTQPIPLLKQKMNHSITMSQEQIASLLANAFFCTFPRRNA 67 PKIVLPQRWRE.FDSRGRRRDSYFYFKRKLDGILKCIKTTGYFMFVGLLHHMWEFDPDITIK	82 DFWDXVLEEAEAQHLYQSILPDMVKIALCLPNICTQPIPLLKQKMNHSITMSQEQIASLLANAFFCTFPRRNA 81 DFWDXVLEEAEAQHLYQSILPDMVKIALCLPNICTQPIPLLKQKMNHSITMSQEQIASLLANAFFCTFPRRNA 67 DFWDXVLEEAEAQHLYQSILPDMVKIALCLPNICTQPIPLLKQKMNHSVTMSQEQIASLLANAFFCTFPRRNA 69 .KMKSEISSYPDIHFNRLFEGRSSRKPEKLKTLFCIFRRVTERDASNVPTGVVTFVRRSGLPEE.L.IDWS 24LPAL.EMYYKEMSELVGREEVLEKFARVARIAKTAEDILPERIYRLVGDVE.SATLSHKQCAALVARMF	55 KMKSEISSYPDIHFNRLFEGRSSRKPEKLKTLFCIFRRVTEKKPTGLVTFIRQS.L.ED.F.PEWE 54 KMKSEISSYPDIHFNRLFEGRSSRKPEKLKTLFCIFRRVTEKKPTGLVTFIRQS.L.ED.F.PEWE 87 KMKSEISSYPDIHFNRLFEGRSSRKPEKLKTLFCIFRRVTEKKPTGLVTFIRQS.L.ED.F.PEWE 37 QSAAPLGDVPLEVDAEGTIEDEGIGLLQVDFAHKYLGGGVLGHGCVQEEIRFVICPELLVGKLFTECLRPFEA 91 FARPDSPFSFCRILSSDKSICVEKLKFLFTIFDKMSMDPPDGAVSF.RLTKMD
Bparg 46 Eparg 46 Mparg 35 Dparg 59	arg 5 arg 5 arg 4 arg 1 parg 2	Bparg 61 Eparg 60 Mparg 49 Dparg 19 Ceparg 36	Bparg 68 Eparg 68 Mparg 56 Dparg 26 Ceparg 42	Bparg 75 Eparg 75 Mparg 38 Dparg 33 Ceparg 49

FIG. 16B



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Bparg 817 Eparg 816 Mparg 702 Dparg 410 Ceparg 543	RCEKLLTRLEVIYEGTIEGNGQGMLQVDFAHRFVGGGVTSAGLVQEEIRFLIHPELIVSRLFIEVLDHNEC RCEKPLTRLEVIYEGTIEENGQGMLQVDFAHRFVGGGVTSAGLVQEEIRFLIHPELIISRLFIEVLDHNEC RCEKPLTRLEVIYEGTIEGNGRGMLQVDFAHRFVGGGVTGAGLVQEEIRFLIHPELIVSRLFIEVLDHNEC LVMLGAERYSNYTGIAGSFEWSGNFEDSTP.RDSSGRRQTAIVAIDALHFA.QSHHQYREDL KDIFNEEW.XDXXLRSLPEVEFFDEMLIEDTAL.CTQVDFAHEHLGGGVLNHGSVQEEIRFLMCPEMMVGMLL
Bparg 888 Eparg 887 Mparg 773 Dparg 472 Ceparg 614	LIITGTEQISEYTGIAETYRWARSHEDRSE.RDDWQRRTTEIVAIDALHFR.RYLDQFVPEKIR LIITGTEQISEYTGIAETYRWSRSHEDRSE.RDDCERRCTEIVAIDALHFR.RYLDQFVPEKMR LIITGTEQISEYTGIAETYRWARSHEDRSE.KDDWQRRCTEIVAIDALHFR.RYLDQFVPEKVR MERELHKAYIGFVHWMVTPPPGVATGNWGCGAFGGDSYLKALLQLMVCAQLGRPLAYYTFGNVEFRDDF CEKMKQLEAISIVGAYVFSSYTGYGHTLKWAELQPNHSRQNTNEFRDRFGRLRVETIAIDAILFKGSKLDCQT
Bparg 951 Eparg 950 Mparg 835 Dparg 543 Ceparg 687	RELHKAYCGFLRPGVSSEHLSAVATGNWGCGAFGGDARLKALIQYLAAAVAERDVVIFTFGDSELMRDIYSMH RELHKAYCGFLRPGVSSEHLSAVATGNWGCGAFGGDARLKALIQYLAAAVAERDVVIFTFGDSELMRDIYSMH RELHKAYCGFLRPGVPSEHLSAVATGNWGCGAFGGDARLKALIQYLAAAAERDVVIFTFGDSELMRDIYSMH RELHKAYCGFLRPGVPSEHLSAVATGNWGCGAFGGDARLKALIQYLAAAAERDVVIFTFGDSELMRDIYSMH HEMWLLFRNDGTTVQQ.LWS.ILRSYSRLIKEKSSKEPRENKASKKKLYDFIKEELKKVRDVPGEGAS EQLNKANIIREMKKASIGFMSQGPKFTHIP.IVTGWWGCGAFNGDKPLKFIIQVIAAGVADRPLHFCSFGEPE
Bparg 1021 Eparg 1020 Mparg 907 Dparg 611 Ceparg 759	TFLTERKLTVGE.VYKLLLRYYNEECRNCSTPGPDIKLYPFIYHAVESCTQTTNQPGQRTGA IFLTERKLTVGD.VYKLLLRYYNEECRNCSTPGPDIKLYPFIYHAVESCAETADHSGQRTGT TFLTERKLDVGK.VYKLLLRYYNEECRNCSTPGPDIKLYPFIYHAVESSAETTDMPGQKAGT AEAGSSRVAGLGEGKSETSAKSSPELNKQPARPQITITQQSTDLLPAQLSQDNSNSSEDQALLMLSDDEEA LAAXCKKIIERMKQKDVTLGKSCFSIFS
Bparg 1087 Eparg 1086 Mparg 969 Dparg 684 Ceparg 787	

FIG. 16C

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Bparg 1 Eparg 1 Mparg 1 Dparg 410 Ceparg 543	Bparg 101 Eparg 100 Mparg 97 Dparg 472 Ceparg614	Bparg 201 Eparg 200 Mparg 197 Dparg 543 Ceparg 687

FIG. 16D